Destruction of a Suspension Bridge.—On the 26th ult. the magnificent suspension bridge of La Roche Bernard was swept away by a hurricane. This stupendous structure cost a million of francs, and, with the exception of that at Cubsac, was the finest in France. It connected all Southern Brittany with Nantes and its vicinity. The diligence laden with passengers from the town just mentioned, had crossed it but a few minutes before it fell. It is remarked that the architect of this bridge is the same with that of Angers, which gave way some years ago, when crowded with soldiers.

The Building Trade in Seaport Towns.—During the last ten years, says a Hampshire paper, a great impetus has been given to the building trade, more especially in the seaport towns of England. To go no further than our immediate district, we find that from 1841 to 1851 there were built in Southampton no less than 2,497 houses; in Lymington, 63; in Christchurch, 65; in Wareham, 196; and Weymouth, 480.

Provincial Cemeteries.—From a letter received by the mayor of Newport from the Central Board of Health, it appears that the Government entertain a hope of being able to introduce into Parliament, during the approaching session, a measure to facilitate the creation of provincial cemeteries.

Competition: Killarney Junction Railway Hotel.—We hear that in answer to an advertisement from the above company, twelve architects have submitted plans. After investigation, the directors have selected out of the entire number the designs of Messrs. Atkins and Johnson, and Mr. R. Brash. These have been submitted to a Dublin architect, upon whose report they will decide.

Lecture by Mr. Layard, M.P.—While on a visit at Dowlais House, Merthyr, Dr. Layard, by request, delivered a lecture in aid of the Dowlais Library, at the Temperance hall, Merthyr, to an overflowing audience, on "The Antiquities of Nineveh." The chair was occupied by Mr. H. A. Bruce, and the lecture was divided into two parts by interlude performances of the Dowlais Choral Society.

Decay of the Larch.—Within the last twelve or fourteen years a mortality began amongst the larch-trees of a few years' growth. The disease spread to the older trees, and those of fifty, sixty, and seventy years old are now dying in the same manner. I do not know how far south the mortality has spread, but I know it exists in Oxfordshire, and northward in Cumberland, Northumberland, and throughout the south of Scotland. I venture to propose as a query,—what is the cause of this general decay and death of the larch-tree in Britain? Perhaps it might be worth while to procure seed from the shingly and rocky slopes of the Alps and Apennines, its original habitat. None, I believe, who know anything of the larch will dispute that the loss of it in this country will be a great one.—*Notes and Queries.*

TENDERS

For taking down and rebuilding a public-house in Bowling-green-lane, Clerkenwell. Mr. W. P. Griffith, architect.

	£	s.	d.
B. and C. Haynes	1,250	0	0
W. Elston	1,178	0	0
Gadsby	1,117	0	0
H. W. Cooper	1,080	0	0
D. Fowler	1,028	0	0
W. Patience	1,017	0	0
Elston, jun.	980	0	0
James Brake (accepted)	910	0	0
Robert Hughes	880	10	0

For erecting and finishing three fourth-rate houses (shops) at Upper Norwood, Surrey, for Mr. W. Macleod. Mr. Dyke, architect.

	£	s.	d.
Scott	1,398	0	0
Humphries	1,375	0	0
Brown	1,349	0	0
Jinks	1,325	0	0
Edwards and Bishop	1,170	0	0
Armstrong	970	0	0

For a public-house and offices at Norwood, for Messrs. Goding and Co. Mr. Edwards, architect. Quantities supplied.

	£	s.	d.
Holland	1,714	0	0
Locke and Needham	1,645	0	0
Gammage	1,430	0	0
Patrick and Son	1,395	0	0
Ashby and Horner	1,375	0	0
Chutter (withdrawn)	1,348	0	0

TO CORRESPONDENTS.

Moving Loads.—Will one of your correspondents tell me how I can ascertain the number of pounds or tons, exerted in a horizontal direction, required to move a weight of 50 tons, upon wheels of from 3 feet to 5 feet diameter, running upon iron rails, at a speed of from 2 to 10 miles per hour? Also, half a ton, as above?—E. S. S.

Hydrofluoric acid.—To liberate this acid from fluor spar, two parts of *sulphuric* acid are put to one part of the spar; but it would be dangerous to corrode glass with it *while* so liberating the acid from the spar, it being so virulent, that the minutest quantity of its vapour would ulcerate the flesh or destroy the eyes. The acid should be previously liberated in a leaden retort and receiver, or purchased ready made in a leaden bottle, and even then most cautiously used.

"Lightning" (connect the bottom of the copper tube with the main conductor), "C. R. W.," "R. *Clarence*" (iron windows are not much used in churches now), "A Clerk," (it depends on private arrangement), "W. H. W.," "M. and F.," "D. and Son," "J. S." (next week), "R. B.," "C. A. W.," "W. W.," "Rd. L. G.," "W. B." (useless at this moment), "J. S. B." (Bangor), "J. H. H." (protest did not reach us), "Quondam," "E. M.," "T. D.," "W. H.," "G. W.," "O. S.," "J. P. S.," "W. M.," "J. H.," "Mr. S.," "T. B." (we do not know of any elementary drawing school in Hackney yet. As to instruments, apply at Society of Arts).

Erratum.—*New Theatre, Hanover.*—The notice of this theatre, given last week, was from the *Literary Gazette*, and not the *Athenæum*, as accidentally stated.

"*Books and Addresses.*"—We have not time to point out books or find addresses.

NOTICE.—All communications respecting *advertisements* should be addressed to the "Publisher," and not to the "Editor:" all other communications should be addressed to the Editor, and *not* to the Publisher.

ADVERTISEMENTS.

MERCHANTS & TRADESMAN'S MUTUAL LIFE ASSURANCE SOCIETY.

TRUSTEES.

Jeffery Smith, esq. | Daniel Ferrumon, esq.
Thomas How, esq.

ADVANTAGES OFFERED BY THIS SOCIETY.

Policies indisputable, except in cases of fraud.
All the medical fees paid by the Society.
Assurances of every description effected.

NON-FORFEITURE OF POLICIES.

Assurers who find it inconvenient to pay their premiums as they fall due, may have a credit on application to the board.

Loans granted on personal and other securities, in connection with life assurance.

BONUS.

The following table shows the Bonuses declared on Policies effected with this Society prior to 30th March last:—

No. of premium	Age when assured.	Annual premium	Sum assured	Bonus added	Amount now assured.
		£ s. d.	£	£ s. d.	£ s. d.
5	30	45 19 2	1,000	104 15 0	1,104 15 0
4	40	37 19 2	1,000	93 0 0	1,093 0 0
3	50	34 15 0	1,000	143 14 5	1,143 14 5

GEORGE THOMSON, Manager.
3, Chatham-pl. Blackfriars. THOS. BURGRAVE, Secretary.

IMPERIAL LIFE INSURANCE COMPANY,
Gold Bread-street, London.

Thomas Newman Hunt, esq. Chairman.
John Horsley Palmer, esq. Deputy-Chairman.

A New Scale of Premiums on Insurances for the whole term of life has recently been adopted, by which a material reduction has been made at all ages below 70 years.

Four-fifths, or 80 per cent. of the Profits, are assigned to Policies every fifth year, and may be applied to increase the sum insured, to an immediate payment in Cash, or to the reduction and ultimate extinction of future premiums.

One-third of the Premium on Insurances of Sool. and upwards, for the whole term of life, may remain as a debt upon the policy, to be paid off at convenience, by which means 1,500l. may be insured for the present outlay otherwise required for 1,000l.

Loans. The Directors will lend sums of 50l. and upwards on the security of Policies effected with this Company for the whole term of life, when they have acquired an adequate value.

Secretary.—Those who effect Insurances with this Company are protected by its large subscribed Capital from the risk incurred by Members of Mutual Societies.

Insurances without participation in Profits may be effected at reduced rates. SAMUEL INGALL, Actuary.

PROVIDENT LIFE OFFICE, 50, REGENT-STREET; CITY BRANCH: 2, ROYAL EXCHANGE BUILDINGS. Established 1806.

Invested Capital, £1,311,700.
Annual Income, £193,000. Bonuses Declared £240,000.
Claims paid since the establishment of the Office, £2,167,000.

PRESIDENT.
The Right Honourable Earl GREY.

DIRECTORS.
William Henry Rowe, esq. Chairman.
Henry B. Alexander, esq. Deputy-Chairman.

Henry Blencowe Churchill, esq.
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William Cotter, esq.
Apsley Pellatt, esq. M.P.
George Round, esq.
The Rev. James Sherman.
Frederick Squire, esq.

J. A. Beaumont, esq. Managing Director.

PHYSICIAN—John Maclean, M.D. F.R.S. 3a, Upper Montague-street, Montague-square.

Nineteen-twentieths of the profits are divided among the insured.

EXAMPLES OF THE EXTINCTION OF PREMIUMS BY THE SURRENDER OF BONUSES.

Date of Policy.	Sum Insured.	Original Premium.	Bonuses added subsequently, to be further increased annually.
	£.	£. s. d.	£. s. d.
1806	2,500	79 10 0 to extinguished.	1,792 9 0
1811	1,000	33 18 2 ditto	231 17 4
1818	1,000	34 16 10 ditto	114 18 10

EXAMPLES OF BONUSES ADDED TO OTHER POLICIES.

Policy No.	Date.	Sum Insured.	Bonuses added.	Total with additions to be further increased.
		£	£ s. d.	£ s. d.
991	1807	800	492 13 1	1,292 13 1
1174	1810	1,500	1,149 3 6	2,649 3 6
2899	1820	5,000	3,508 17 8	8,508 17 8

Prospectuses and full particulars may be obtained upon application to the Agents of the Office in all the principal towns of the United Kingdom; at the City Branch; and at the head Office, No. 50, Regent-street.

A DESIRABLE INVESTMENT.—To CAPITALISTS and OTHERS.—A Gentleman possessed on lease, for a long term of years an extensive Granite and Quarry, and other valuable mineral possessions in North Wales, now in work, is desirous of meeting with a gentleman to join in the undertaking as an active PARTNER, or otherwise with a capital of from 3,000l. to 4,000l. which amount is required to extend the present working. The rock of this quarry is of the open to class, being a compound of felspar, quartz and hornblend, 2,650 specific gravity, and possesses great hardness with adhesiveness, and is valuable for horse travelling over the town streets, with durability in wear. Connected with these works there is a waterfall of great power, which can be made available to work the quarries and mines by machinery, to considerable advantage and saving of expense. The intrinsic value of these works is very considerably enhanced by there being water and railway conveyance in the immediate proximity of the quarries. The profits realised by this undertaking are great.—Parties wishing to treat can obtain the necessary information on application to EVAN HARE, Esq. Solicitor, 1, Mitre-court, Temple.

SOUTH WALES RAILWAY.—GOODS SUPERINTENDENT WANTED.—The Directors require the services of a Gentleman qualified to superintend the Mineral and General Traffic upon this railway. Applications for the situation, stating their requirements, accompanied by testimonials, must be delivered to the undersigned not later than TWELVE o'clock TUESDAY, 23rd inst.—By order,

FRED. G. SAUNDERS, Secretary.
10, Kastbourne-terrace, Paddington, Nov. 8, 1852.

TO PARENTS AND GUARDIANS.

AN Architect and Engineer, within ten miles of London, in full practice, wishes for a respectable and genteel YOUTH, about sixteen years of age, as OUT-DOOR PUPIL. He must be of industrious habits, write a good hand, have a taste for drawing, and be quick at figures. A moderate premium required.—Apply to Mr J. PAULNIER, Ironmonger, 48, St. Martin's-le-Grand. References given and required.

WANTED, an APPRENTICE to the TOOL TRADE. A premium required.—Address, G. M. 6, Cranford-street, Brunswick-square.

TO ENGINEERS.

WANTED to ARTICLE, a YOUTH, 18 years of age, for two and a half years, in doors, to the above Trade. A month's trial to be given. Address, post-paid, J. T. 8, Silver-street, Golden-square, stating terms which must be moderate.

TO JOINERS.

WANTED immediately, for a few months, SIX GOOD BENCH HANDS.—Apply (if by letter post-paid) to E. LAURANCE, Builder, Broughing, near Ware, Herts.

WANTED, in a Builder's Office, a CLERK conversant with the general routine of the business, who can write a good hand, and understands how to take measuring materials and work. To attend the same in the workmen.—Address, A. P. at the Office of "The Builder," stating salary, age, and qualifications.

TO LAND SURVEYORS, ARCHITECTS, OR ENGINEERS.

WANTED, a Young Man, who writes a very good plain hand, and understands book-keeping generally, to check builders' accounts, and do the general business of a surveyor's office. Also, a LAND SURVEYOR, who is a fair draughtsman and can calculate areas, &c. The situations will be (nearly permanent if the parties suit. Testimonials will be required.—Address, post-paid, stating terms and age to A. B. care of Housekeeper, Old Jewry-chambers, Old Jewry.

TO BUILDERS' CLERKS.

WANTED, in the office of a Builder, a respectable Young Man not under twenty years of age, who understands the general routine of the office. None need apply but those who have been at least three years engaged in a similar capacity.—Apply by letter only to T. R. office of "The Builder," 1, York-street, Covent-garden, stating age, amount of salary required and where last employed.

WANTED, by a Young Man from the country, an ENGAGEMENT for Two Years, where he can be useful, preferring himself as a CARPENTER and JOINER.—A. B. W. No. 35, Calderwick's Coffee-house, Westminster Union-road, Lambeth. N.B.—No objections to help round.

WANTED, SITUATIONS, by Two Young Men,—one a BRICKLAYER and PLASTERER, the other a PAINTER. Can measure and keep accounts. Are willing to assist in an office.—Address to C. D. 5, Rockingham-terrace, Commercial-road, Lambeth.

TO BUILDERS AND ARCHITECTS.

WANTED, by a Young Man, aged twenty-one, a SITUATION as CLERK of the WORKS, or DRAUGHTSMAN and CLERK. Undertakes taking out quantities and the general routine of a Builder's office. Salary moderate. References, present and former employers.—T. H. 3, Albany-place, Kentish-town, near the Castle.—N.B. Country no objection.

WANTED, by the Advertisers, Two Young Men of fourteen years practical experience in paper and block making, and have a knowledge of drainage, &c. SITUATIONS. They are first-rate workmen, of sober and industrious habits, and will not have any objection to go abroad. Reference as to character and unexceptionable.—Address, G. K. No. 18, Layton-hall-street, Tothill-fields.

TO ARCHITECTS.

A PRACTICAL DRAUGHTSMAN is desirous of an ENGAGEMENT.—Apply to T. P. Q. office of "The Builder," 1, York-street, Covent-garden.

A BUILDER'S CLERK wishes to obtain a SITUATION. Can be highly recommended for his habits of business, punctuality, &c. &c.—Address, with particulars, H. W. care of Mr. Horton, 16, Allen-street, Lambeth, S.E. Trifle a surveyor.

A YOUNG ARCHITECT wishes to obtain a SITUATION in an Architect's office, either in London or any large provincial town, as Liverpool, &c. He has served an articled term in London, holding a public appointment, for a term of seven years. Is competent to make fair and working drawings and to superintend the erection of buildings, &c. The highest references can be given.—Address H. S. L. Office of "The Builder," 1, York-street, Covent-garden.

TO PLUMBERS, DECORATORS, AND OTHERS.

THE Advertiser requires Partial or Permanent EMPLOYMENT in making up Sheets and Accounts. Measuring, &c.; has no objection to assist in the decorative department if required; he has also a thorough knowledge of gilding, embossing, &c. Good reference from last situation. Moderate salary.—Address, A. T. office of "The Builder," 1, York-street, Covent-garden.

TO PAINTERS, BUILDERS, AND RAILWAY COMPANIES.

THE Advertiser, a Painter, Grainer, Writer, and Paperhanger, having had the management of work-men for fifteen years, and now being out of employ, is desirous of a RE-ENGAGEMENT as WORKING or SUPERINTENDING FOREMAN, either in town or country. Most satisfactory reference will be given as to ability, honesty, and sobriety.—Apply by letter, prepaid, to A. L. W. 7, Hyde-place, Vincent-square, Westminster. N.B.—Or would take a large job task work.

WANTED, within a quarter of a mile of the Post-office, large business PREMISES, with dwelling-house, Stables, and Outbuildings adjoining, or ground sufficient for building the same, either cleared or by pulling down old dwellings.—Address, Y. Z. Mr. Griffiths, Post-office, Clerkenwell-green.

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